

## ABSTRACT OF THE DISCLOSURE

An air bag deployment control system, comprises a weight sensor which detects weight of an occupant sitting on a seat of a vehicle, and a controller which switches between deployment and non-deployment modes of an air bag based on the occupant weight detected by the weight sensor. The controller switches to the deployment mode permitting deployment of the air bag when the detected weight of the occupant is equal to or larger than a first threshold value, and switches to the non-deployment mode prohibiting deployment of the air bag when the detected weight of the occupant is smaller than a second threshold value. The second threshold value for switching from the deployment mode to the non-deployment mode is set smaller than the first threshold value for switching from the non-deployment mode to the deployment mode.